AMENDMENTS TO THE ABSTRACT

Please replace the abstract with the following rewritten abstract. A clean version of the substitute abstract is attached hereto.

A method and system for processing image data to identify objects in an image. The method and system operate using various resolutions of the image to identify the objects. Information obtained while processing the image at one resolution is employed when processing the image at another resolution. The method and system identify objects in the image based on the information obtained at the various resolutions of the image.